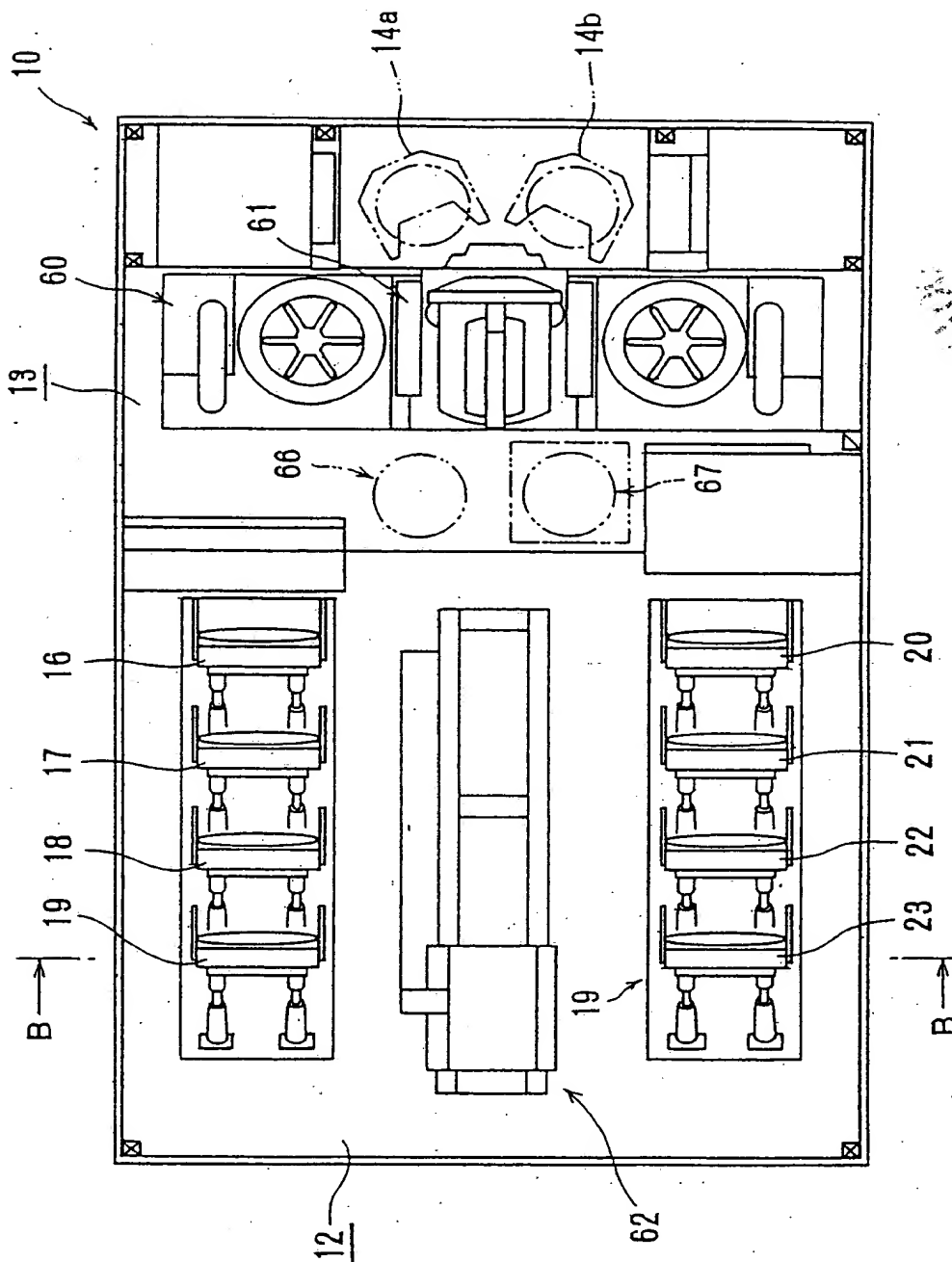
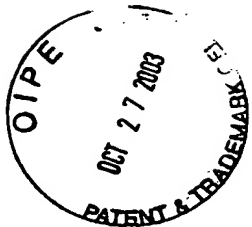


1/18

FIG. 1

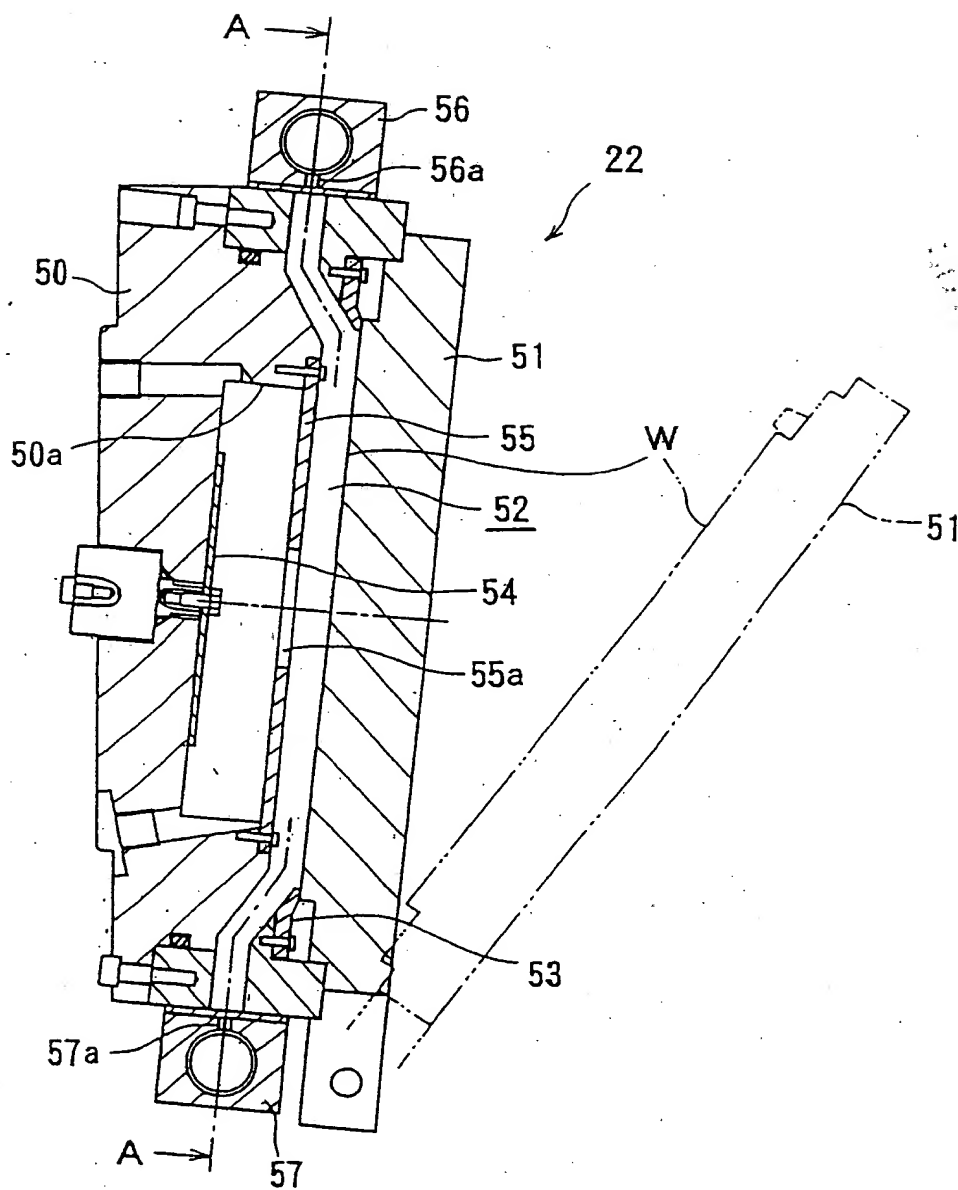


RECEIVED
OCT 27 2003
OFFICE OF
INTELLECTUAL PROPERTY



2/18

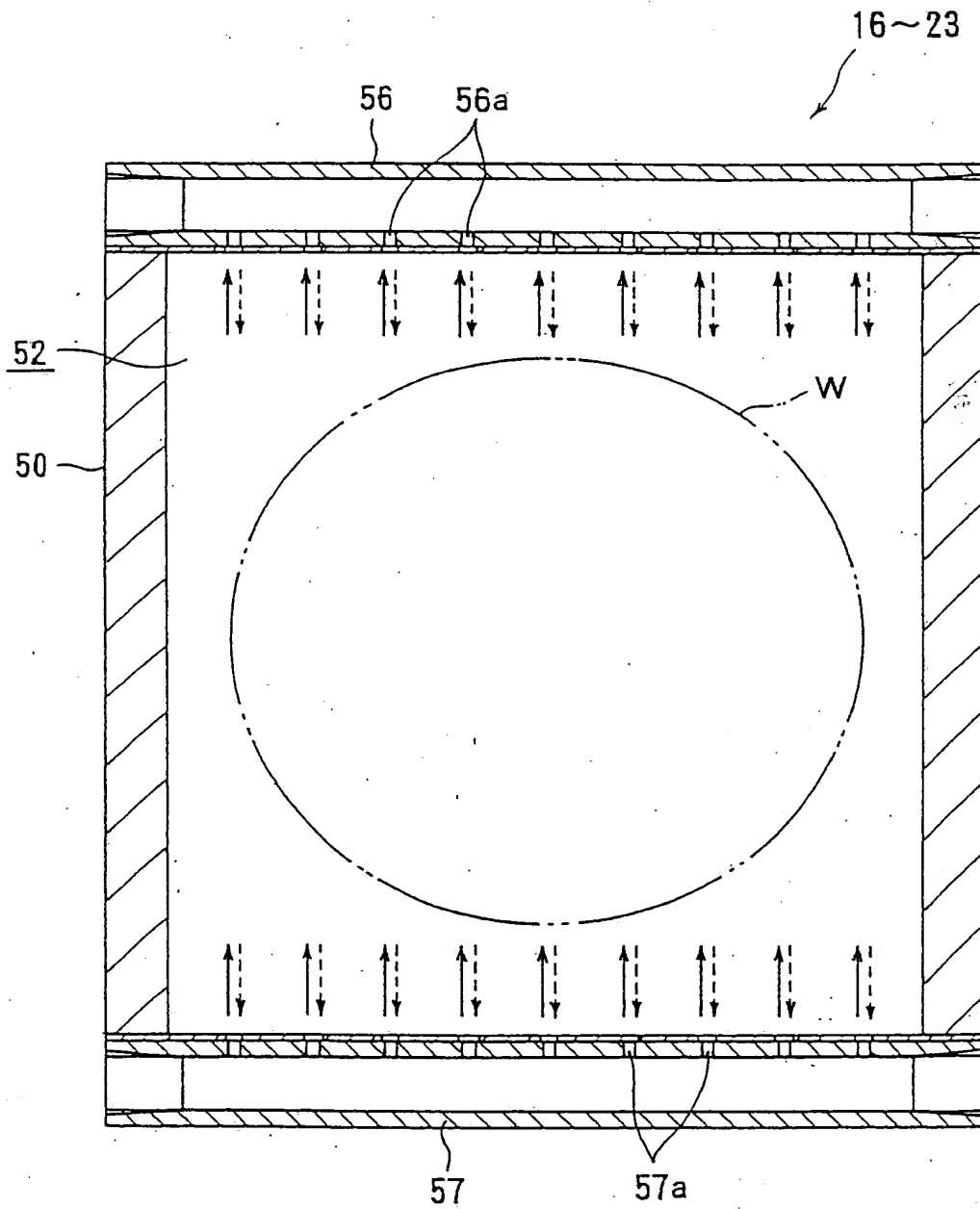
FIG. 2

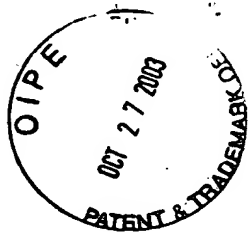




3/18

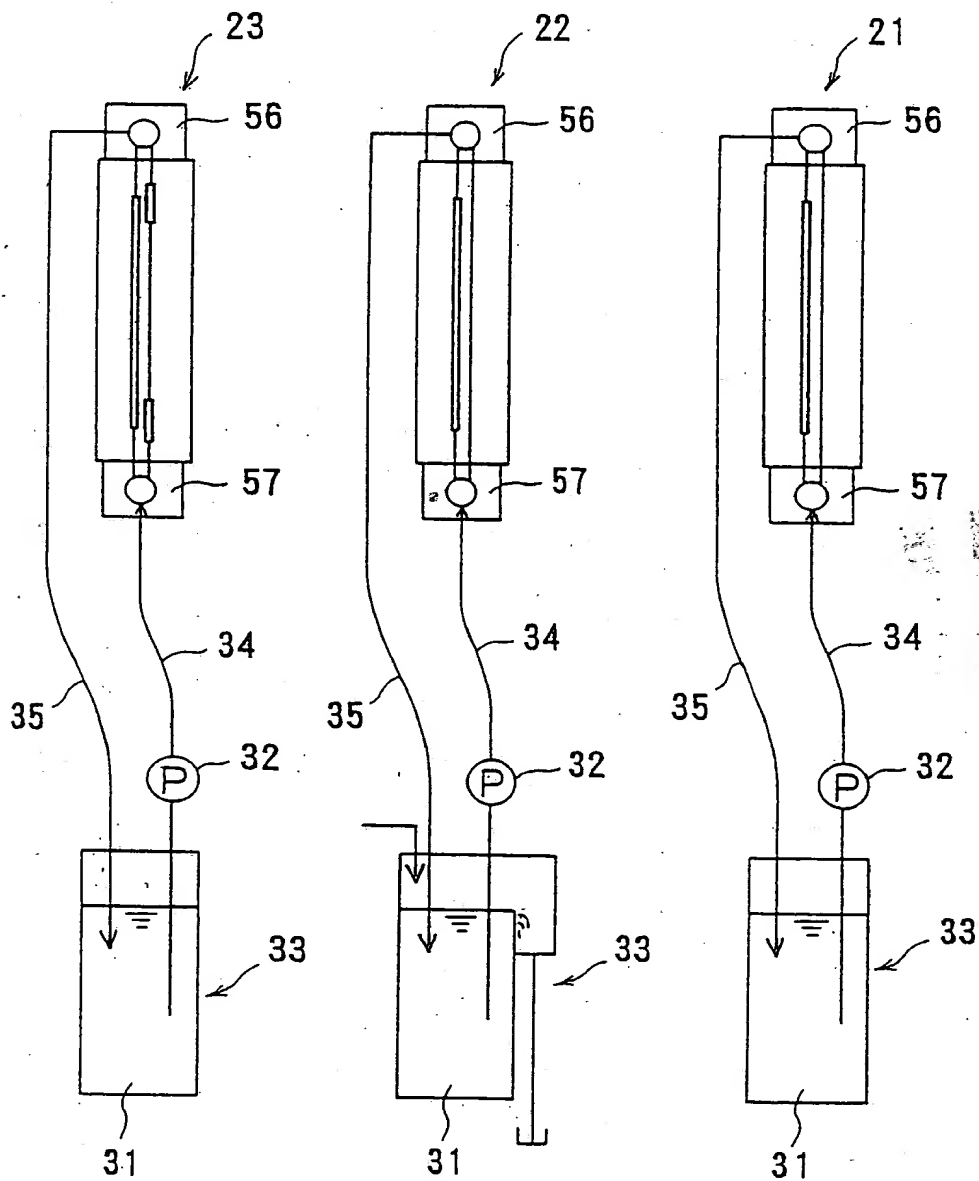
FIG. 3





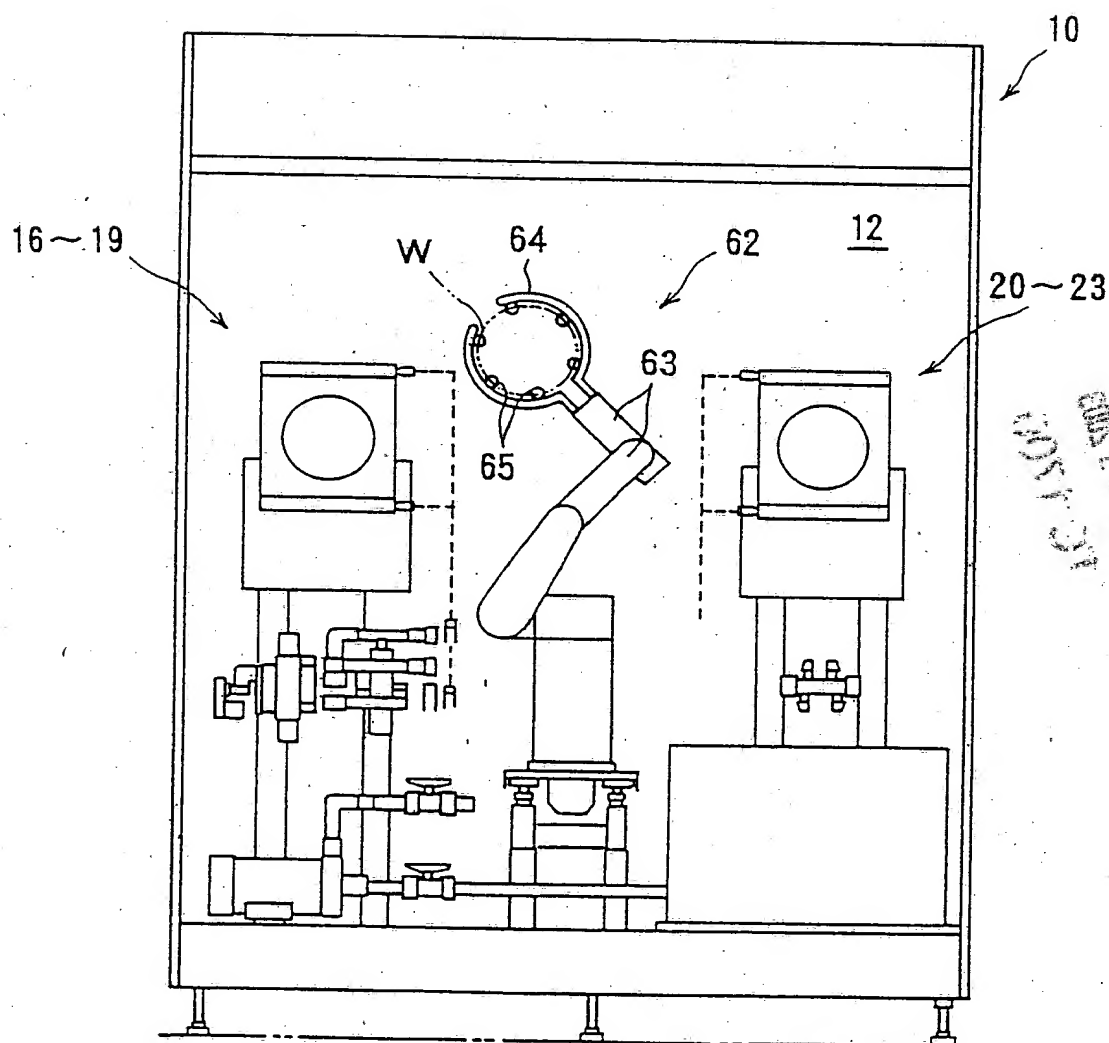
4/18

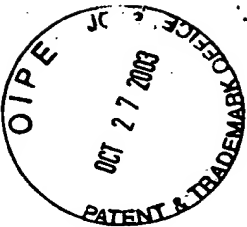
FIG. 4



5/18

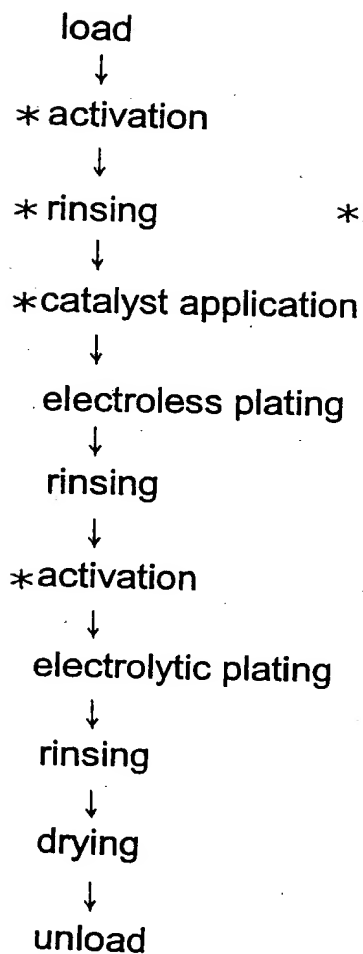
FIG. 5





6/18

FIG. 6



* omissible process depending on a state of the surface of the substrate and a catalysis

FIG. 7A

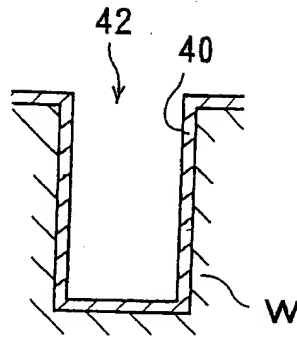


FIG. 7B

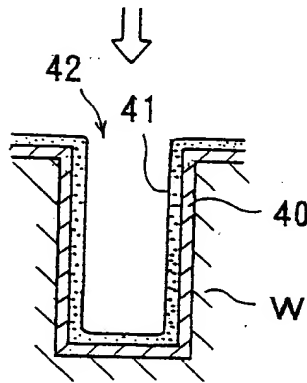


FIG. 7C

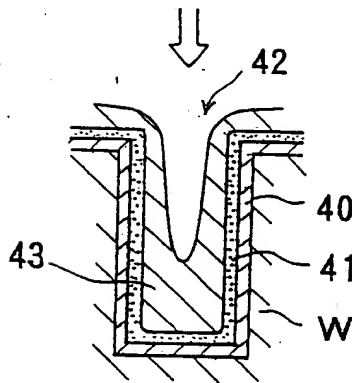
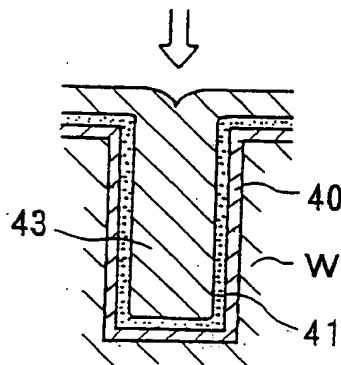
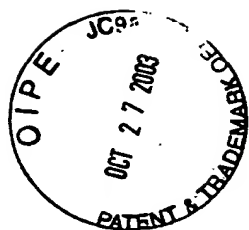


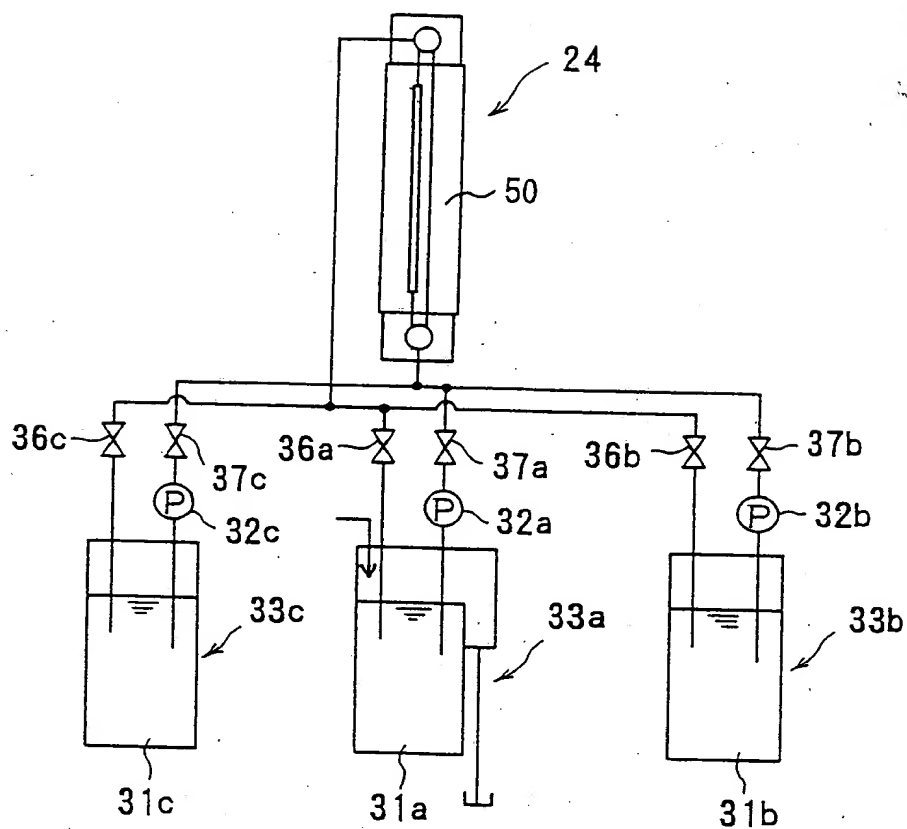
FIG. 7D





8/18

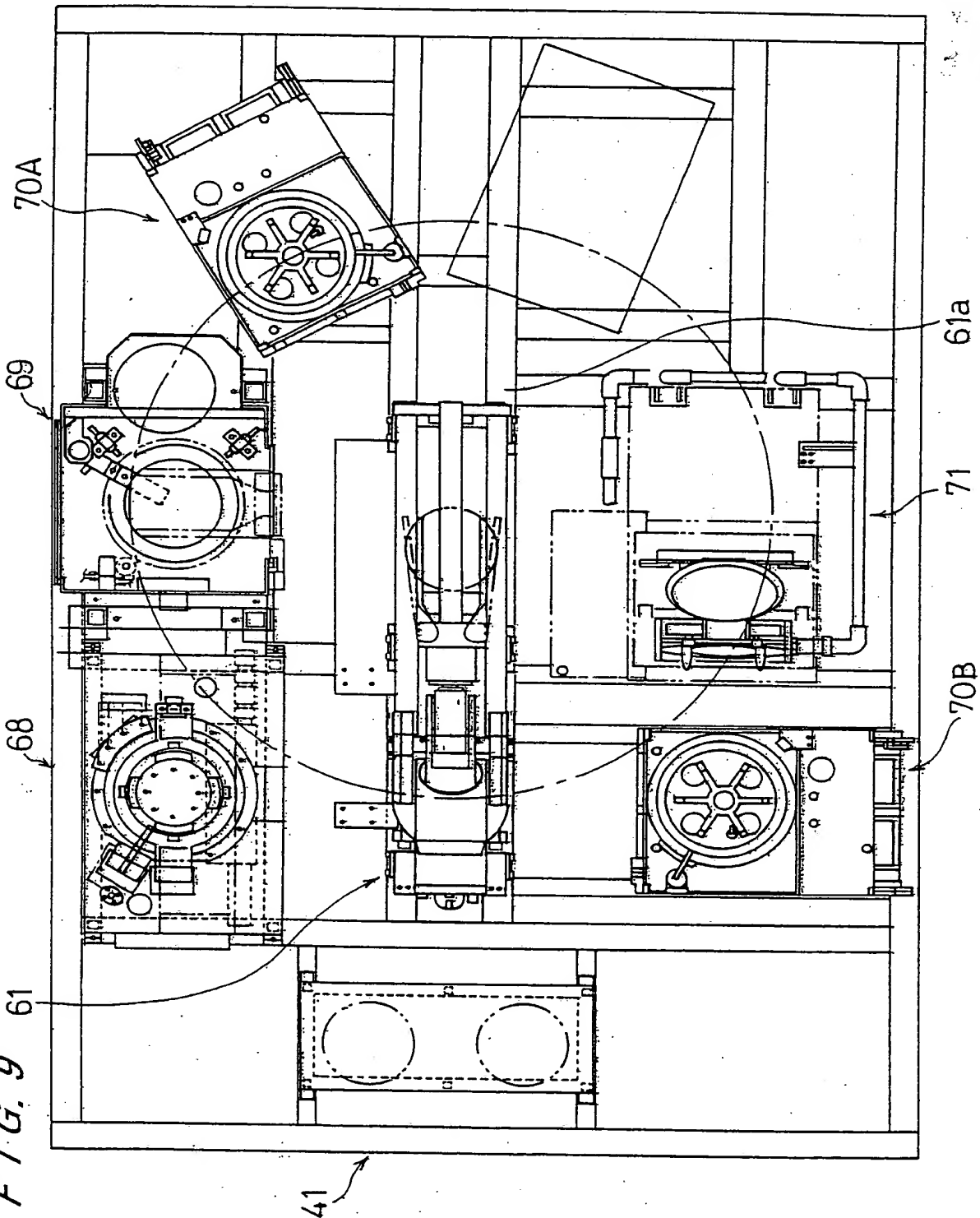
FIG. 8



RECEIVED
OCT 27 2003
OIP

9/18

FIG. 9



RECEIVED
OCT 11 1998
O I P E

10/18

FIG. 10

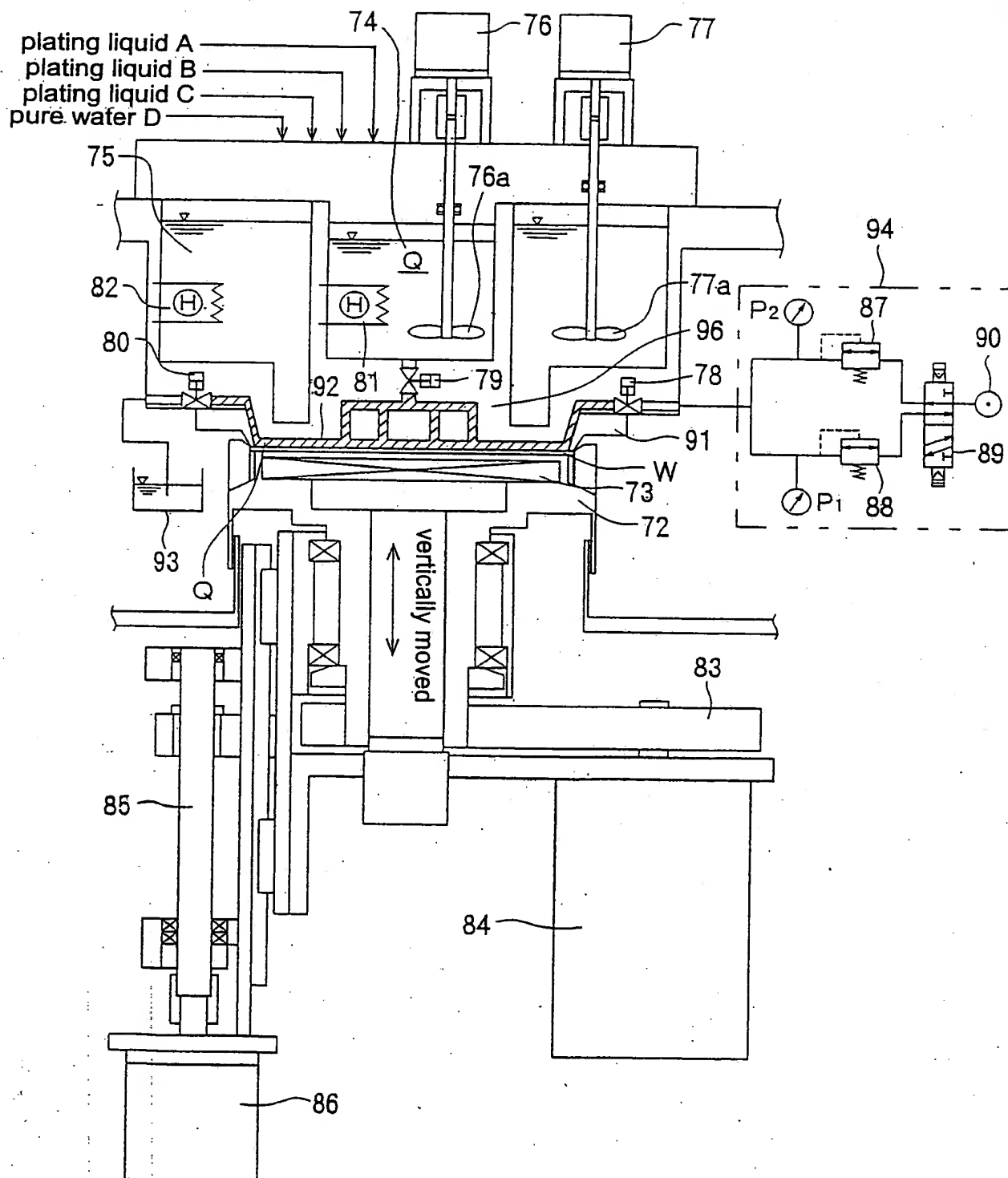


FIG. 11A

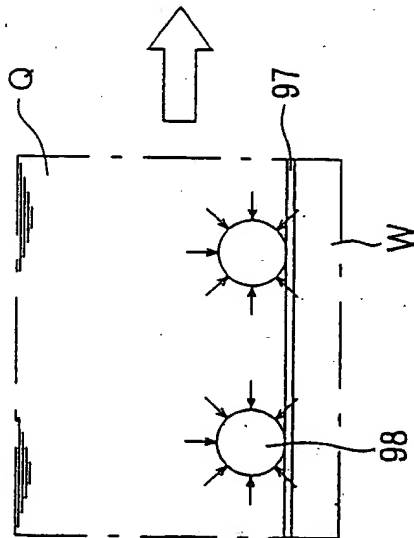


FIG. 11B

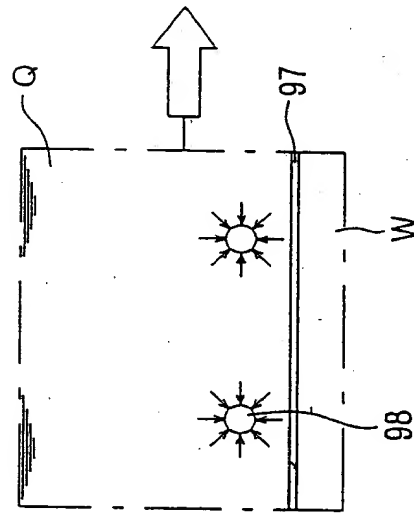
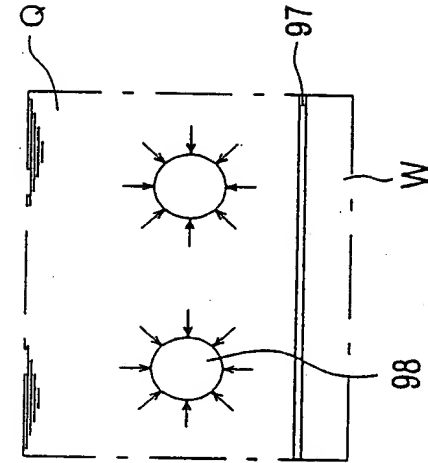


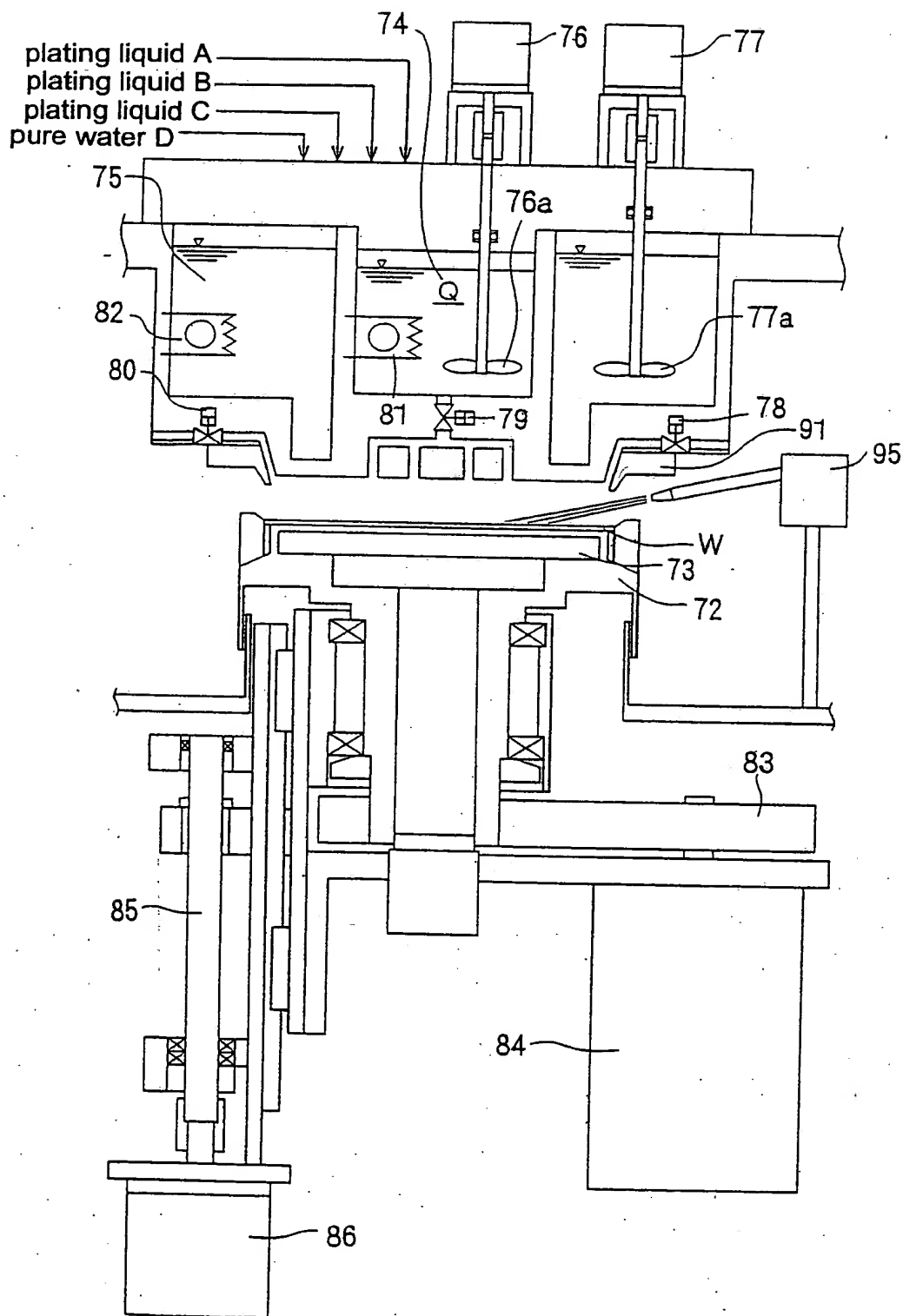
FIG. 11C

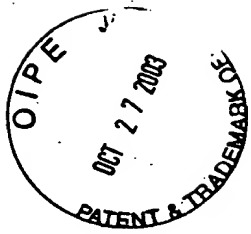


RECEIVED
OCT 27 2003
OCT 27 2003

12/18

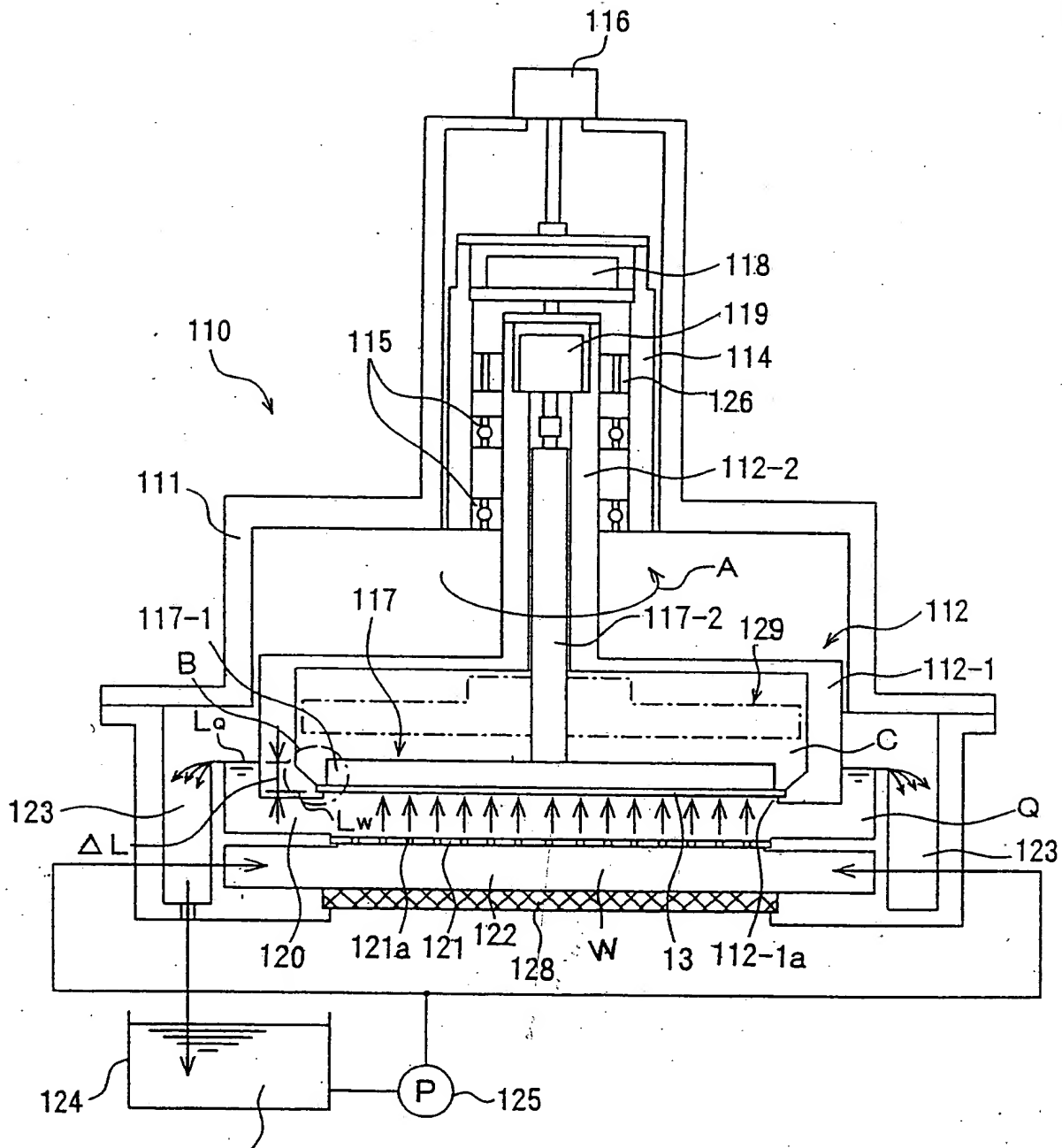
FIG. 12





13/18

FIG. 13





14/18

FIG. 14

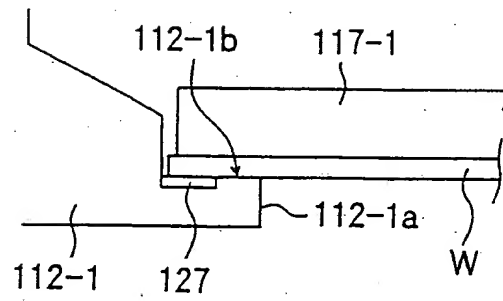


FIG. 15

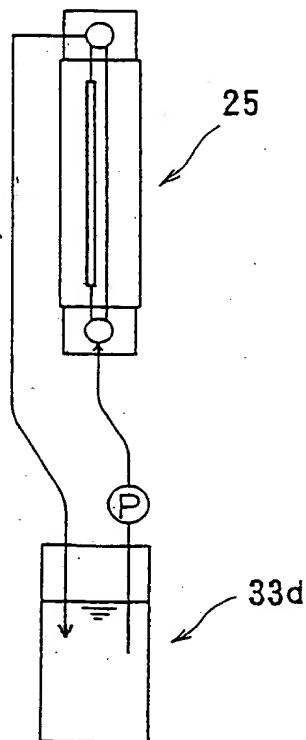


FIG. 16A

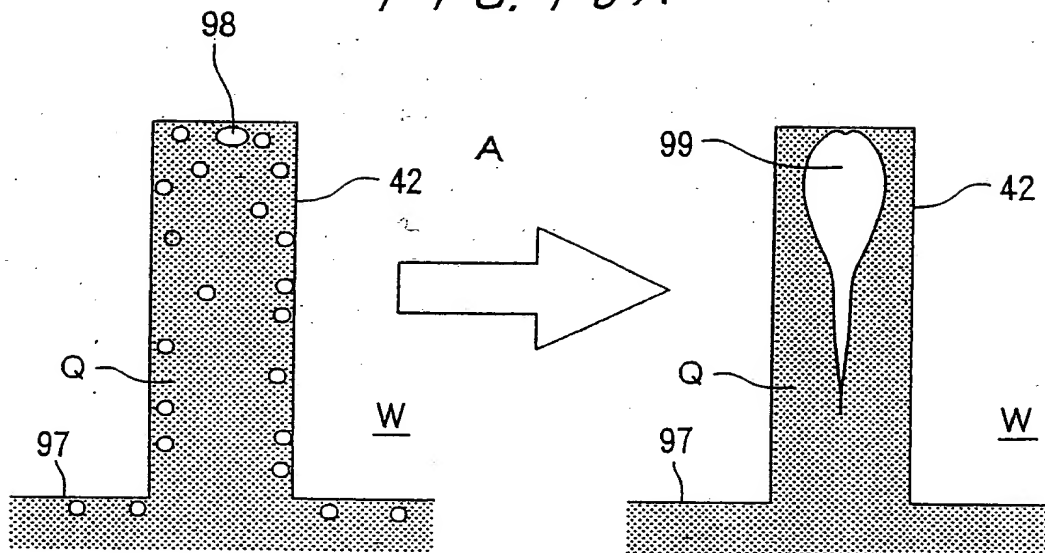
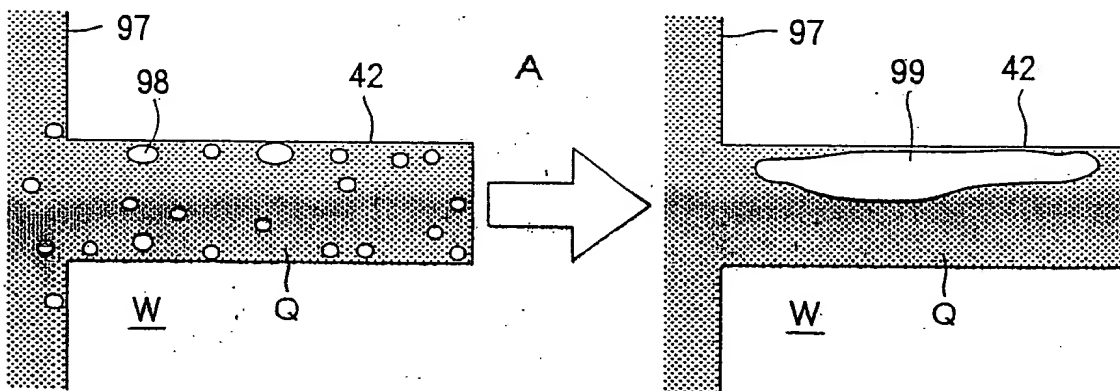
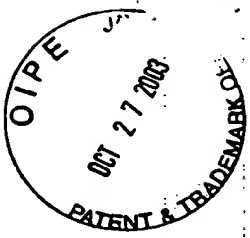


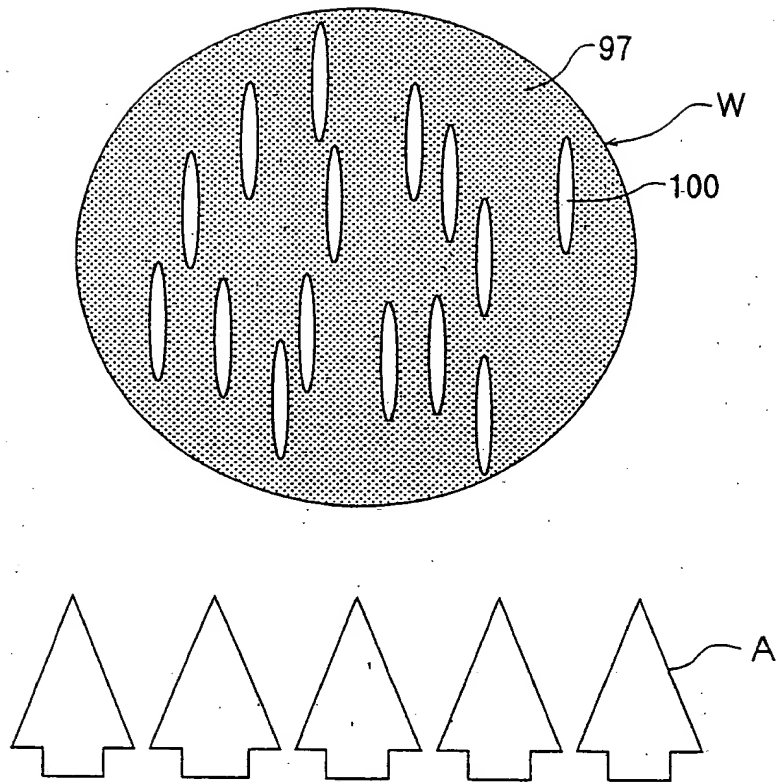
FIG. 16B

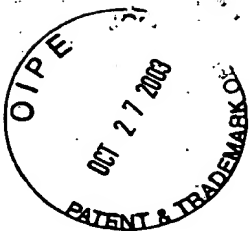




16/18

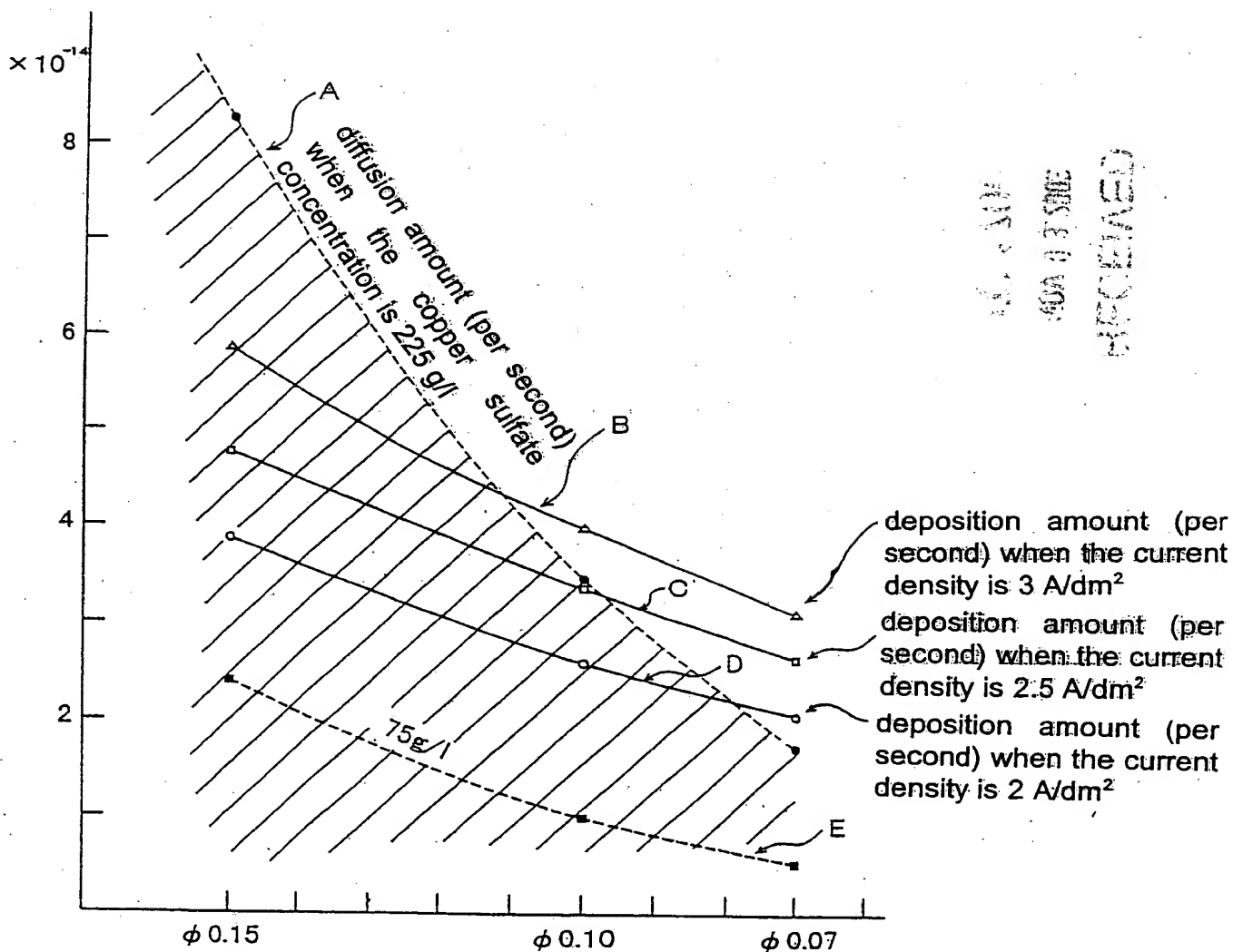
FIG. 17

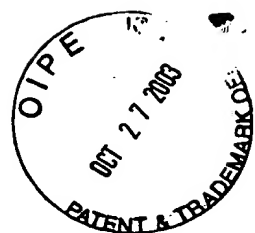




17/18

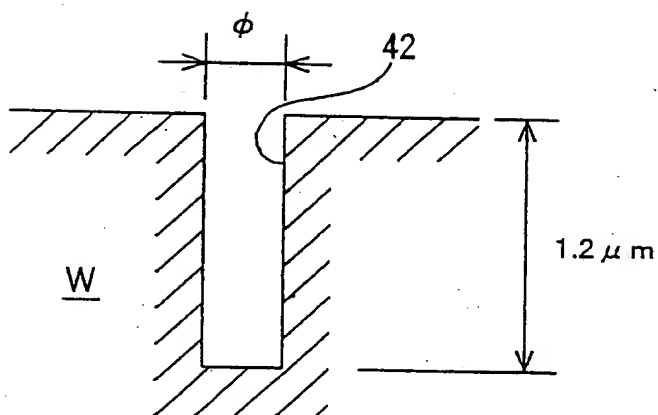
FIG. 18





18/18

FIG. 19



RECEIVED
OCT 27 2003
OIP